

**SURFACE TREATMENT OF SILICONE  
MEDICAL DEVICES WITH REACTIVE HYDROPHILIC POLYMERS**

5

**ABSTRACT**

The present invention is directed toward the surface treatment of silicone medical devices such as contact lenses and medical implants. In particular, the present invention is directed to a method of modifying the surface of a medical device to increase its biocompatibility or hydrophilicity by coating the device with a hydrophilic polymer by means of reaction between reactive functionalities on the hydrophilic polymer which functionalities are complementary to reactive functionalities on or near the surface of the medical device. The present invention is also directed to a contact lens or other medical device having such a surface coating.

15